

Flexible & Affordable Touch Screen Texture Analyzer

Measure with accuracy & ease

Designed exclusively for customers who desire an easy to operate, portable texture analyzer, Food Technology Corporation's TMS-Pilot is an affordable alternative for determining a variety of food texture characteristics. FTC has proven to have the most dependable, accurate and trouble-free systems for measuring texture within the food industry for over 50 years.

Features

- LCD Touch Screen interface
- Plug & Play design
- Password protected log-in
- Customization of reports
- Unlimited storage of test methods
- Flexible use of probes, fixtures & loadcells

Easy-to-use

Operated via an intuitive touch screen interface, the TMS-Pilot requires minimal operator training. Tests are performed at the touch of an icon and programs can be saved as "favorites" on the main screen for instant accessibility. With a plug & play design, the TMS-Pilot has a simple set up, allows loadcells to be interchanged in seconds and accepts the majority of FTC's probes and fixtures.

Versatile and affordable

Designed with the budget conscious in mind, the TMS-Pilot has the capabilities needed to perform basic texture testing of most food products, including: bakery, cereals, confections, snacks, dairy, fruits and vegetables, meats, gels and more.



Specifications

Maximum Load Rating	112 lbf (500 N)
Force Accuracy	±0.1% of full scale for load cells from 2 - 500 N
Speed Range	0.04 - 15.7 inches/min (1 - 400 mm/min)
Speed Accuracy	± 0.5% of set speed
Position Resolution	0.0004" (0.01 mm)
Position Accuracy	0.02" (0.5 mm) over full travel
Crosshead Travel*	11.8" (300 mm)
Data Acquisition Rate	Selectable from 1000, 500, 100, 50, 10Hz
Power Supply	110/230 V AC, 60/50 Hz

* Measured without fixtures

Supplied with:

- TMS Load Cell
- Fixture Table
- Cables & Manuals
- T-slot mounting base
- TMS-Pilot Software

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